

CLAIMS

What is claimed is:

1 1. A method comprising:
2 recognizing occurrence of one or more software events that result in at least one
3 of an error and a warning;
4 storing an indication of the error/warning in an error/warning storage structure;
5 and
6 returning a result from a function call that indicates that the error/warning
7 indication has been stored in the error/warning storage structure, wherein subsequent
8 function call returns are not required to store error/warning indications resulting from the
9 event causing the stored indication.

1 2. The method of claim 1 wherein storing an indication of the error/warning
2 is accomplished by a thin wrapper class structure.

1 3. The method of claim 1 further comprising displaying a general message
2 based on one or more error/warning indications stored in the error/warning storage
3 structure.

1 4. The method of claim 3, wherein the general message is expanded to
2 provide additional error/warning information in response to user input.

1 5. The method of claim 1 further comprising indicating a design element
2 causing the error/warning.

1 6. A machine-readable medium having stored thereon sequences of
2 instructions, which when executed by a processor cause the processor to:
3 recognize occurrence of one or more software events that result in one of an error
4 and a warning;
5 store an indication of the error/warning in an error/warning storage structure; and
6 return a result from a function call that indicates that the error/warning indication
7 has been stored in the error/warning storage structure, wherein subsequent function call
8 returns are not required to store additional error/warning indications resulting from the
9 event causing the stored error/warning indication.

1 7. The machine-readable medium of claim 6 wherein the sequences of
2 instructions that cause the processor to store an indication of the error/warning further
3 comprise a sequence of instructions including a thin wrapper class structure constructor.

1 8. The machine-readable medium of claim 6 further comprising sequences of
2 instructions, which when executed by the processor cause the processor to display a
3 general message based on one or more error/warning indications stored in the
4 error/warning storage structure.

1 9. The machine-readable medium of claim 8, wherein the general message is
2 expanded to provide additional error/warning information in response to user input.

1 10. The machine-readable medium of claim 6 further comprising sequences of
2 instructions that cause the processor to indicate a design element causing the
3 error/warning.

1 11. An apparatus comprising:
2 means for recognizing the occurrence of one or more software events that result in
3 one of an error and a warning;
4 means for storing an indication of the error/warning; and
5 means for returning a result from a function call that indicates that the
6 error/warning indication has been stored in the error/warning storage structure, wherein
7 subsequent function call returns are not required to store additional error/warning
8 indications in the error/warning storage structure.

1 12. The apparatus of claim 11 wherein the means for storing an indication of
2 the error/warning comprise means for constructing a thin wrapper class structure.

1 13. The apparatus of claim 12 further comprising means for displaying a
2 general message based on one or more error/warning indications stored in the
3 error/warning storage structure.

1 14. The apparatus of claim 13, wherein the general message is expanded to
2 provide additional error/warning information in response to user input.

1 15. The apparatus of claim 11 further comprising means for indicating a
2 design element causing the error/warning.

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